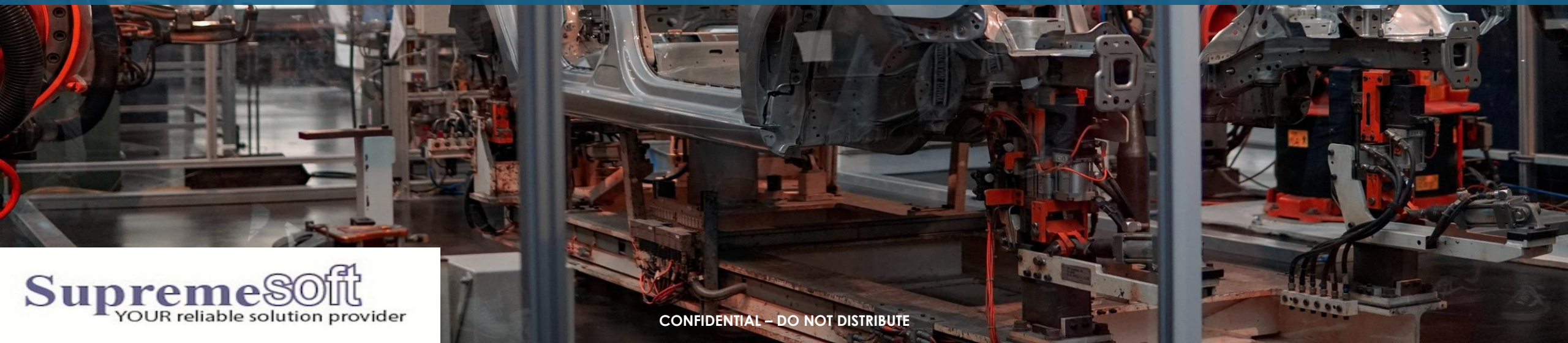




**BUILDING THE DATA-DRIVEN
MANUFACTURING ECOSYSTEM
IoT Manufacturing Execution Platform (IMEP)**



The future of Industry 4.0 is now



SupremeSoft
YOUR reliable solution provider

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Despite the potential of Industry 4.0,

91%

of midsize and larger manufacturers face major hurdles to digital transformation

- 2019 Survey by Dell Technologies

ADOPTION BARRIERS

Manufacturers continue to face formidable challenges in digitizing their production operations.



Costs Too High

Most all digital systems in the market are cost prohibitive, much **too expensive** and are massive packages that we don't need or **can't afford**.

Difficult to Use

Toolsets in the market are **not user friendly**, difficult for our team to learn how to use and to maintain in the long run.

Lack of Skillsets

Our **workers are not trained** to use the tool properly and the toolset is not easy to learn how to use and requires too much enforcement.

What end Customer Problems are we Solving ?



How can I
meet rising requirement
on product quality?



How can I
better PREDICT AND
Reduce Downtime?



How can I
optimize factory
operation for higher
throughput?



How can I
leverage latest technology
for better business
outcomes?

How can I **STAND OUT IN COMPETITION** in my industry?

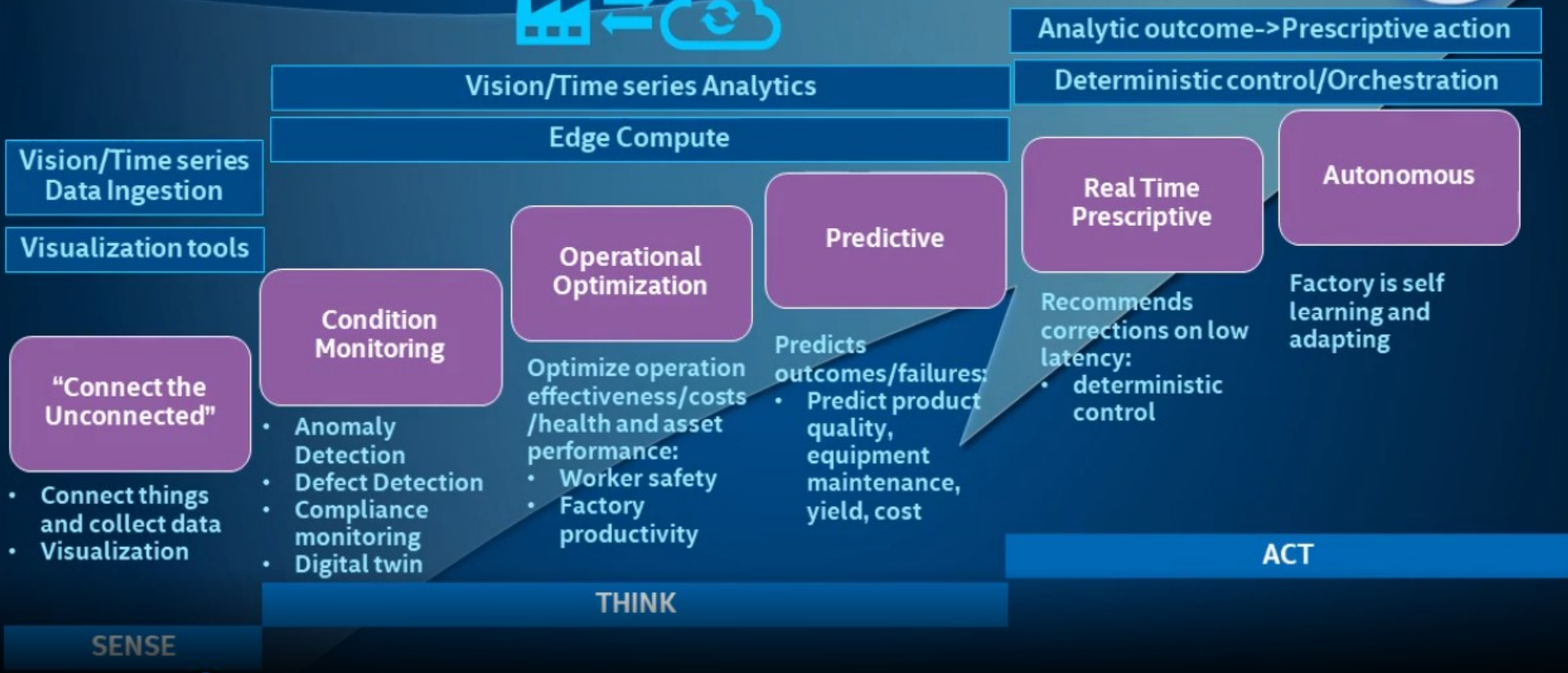
Data analytics driven by AI are transforming Industrial segment
Insights are generated from basic/operational analytics to more advanced analytics.

THE PATH TO DEEPER INSIGHT



Industrial players at different Edge AI Maturity level has different needs

-Industrial 4.0 Edge AI Maturity Model for consolidated analytics



The IMEP Solution Development Strategy



2

Edge I/O Device

- Remote I/O Devices with sensors



Edge-to-Cloud Services

- Integrated edge agent to cloud services
- Remotely mass deployment

4



WISE-DeviceOn



Control I/O & Sensors

- Provided by iDOOR Technology
- New Tech. & Specific-domain application incubation

1

Edge Software

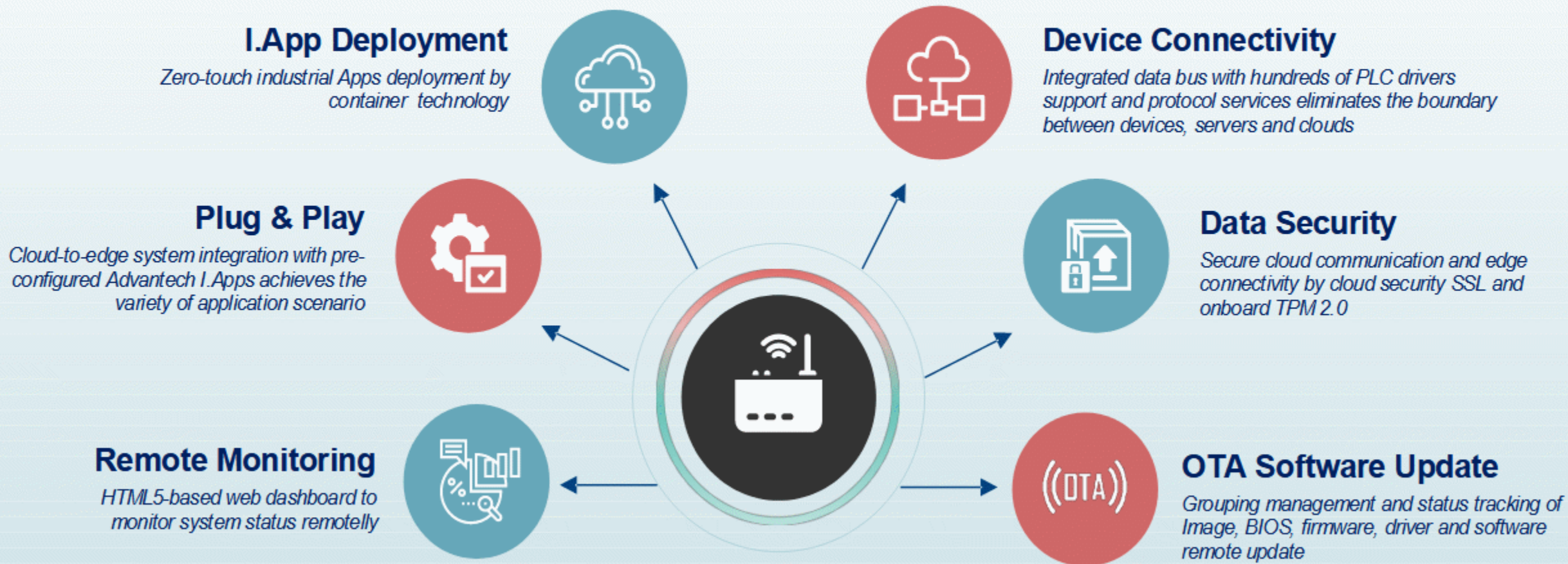
- OT components connected with protocol convention software
- 3rd party ISV partners collaboration & standardization

3

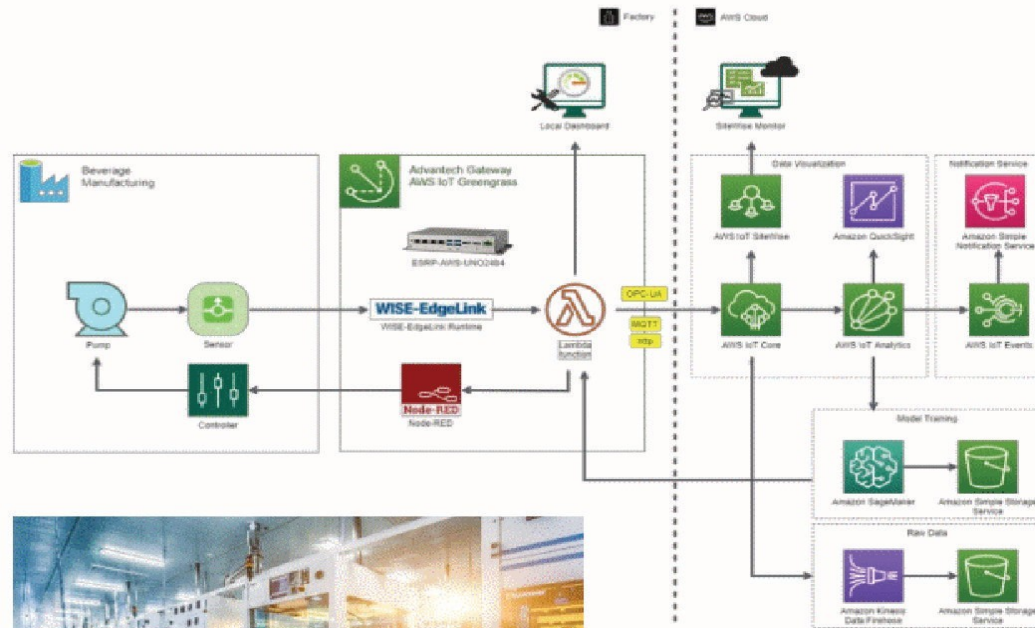
WISE-EdgeLink

HMINavi WISE-PaaS/SCADA

The IMEP Intelligence Functionality



Optimize Manufacturing with The IMEP



- **Problem**

Food & beverage manufacturing process involves a complex series of sequential steps that can exacerbate quality problems. The ability to respond in real time to any issues that arise is required in order to prevent interruptions and ensure reliable operations.

- **Solution**

The IMEP of the AWS series products were deployed to improve operations. WISE-Edgelinek was used to collect data from numerous sensors. The data was then analyzed using an AWS IoT SageMaker AI model to determine suitable responses to real-time production line problems

- **Impact**

Massive amounts and types of sensor data were collected by WISE-Edgelinek and used for AI model training. AWS IoT SageMaker and SiteWise were used for equipment monitoring to achieve failure prediction and real-time management of all production processes.

KEY BENEFITS

END-TO-END VISIBILITY

of all manual production processes in real-time

1 DAY INSTALLATION

forge into Industry 4.0 at a speed with which the manufacturing landscape has never seen

FULL DIGITISATION

to eliminate inefficient paper-based workflows

COST REDUCTION

through the discovery and elimination of wasteful processes

REAL-TIME TRACEABILITY

to oversee facility operations in real-time globally

DATA SECURITY

through full ownership over onsite data or cloud instances

POWERED BY MES Standard **IMEP**



Basic Toolset

IMEP

IMEP provides a powerful backbone to digitize your production end-to-end

Workflow Builder

Enables facility wide creation and management of workflows allowing for real-time monitoring of personnel, resources and equipment

Equipment Monitoring

Basic toolset for real-time equipment monitoring; Fully synced to workstation control and dashboard viewing for dashboard generation

Production Scheduler

Basic toolset for real-time scheduling, creation of work templates, generation of runs; Fully synced to personnel workstations

Personnel Management

Basic solution to track personnel in real-time; Fully synced to workstation control and dashboard viewing for dashboard generation

Workstation Control

Real-time workflow monitoring through any browser-based devices with full step timing, QC, resources, drawings and personnel tracking

Dashboard Viewing

Charting toolsets for basic and advanced visual dashboard viewing with fixed preset templates

Inventory Management

Tracks utilization of all raw materials throughout the entire production process from incoming inventory to WIP to finished goods

DIY or Supremesoft Support

Supremesoft's solutions installations are fully DIY or you could contact Supremesoft for installation and training support. Support packages can be purchased as required



We digitally run factories
&
connect them across the
entire supply chain

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Join us at the Forefront of Industry 4.0

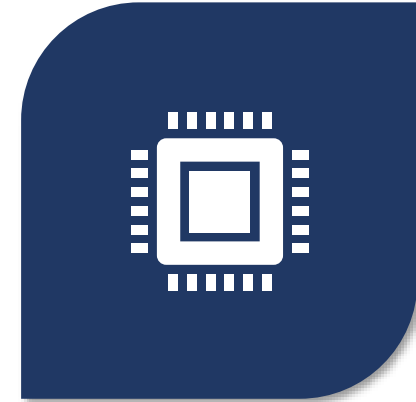


Visit our Office Center

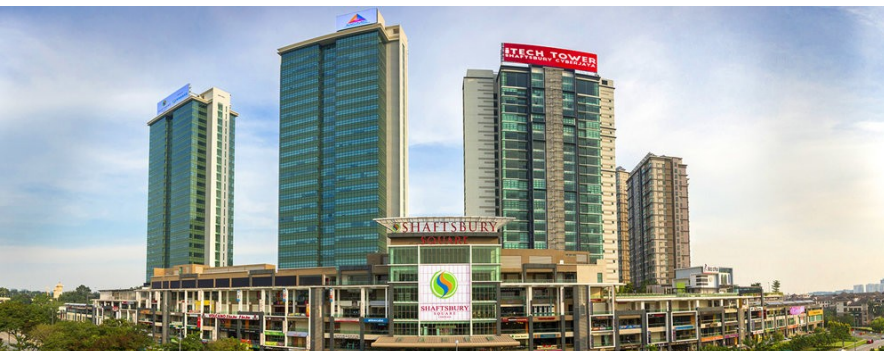
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63000 Cyberjaya, Selangor, Malaysia



Schedule for technical consultation



We'll setup a POC remotely for your current projects



Contact Us

info@supremesoft.com.my

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